

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: <b>February 2004</b>				
APPROPRIATION/BUDGET ACTIVITY <b>OTHER PROCUREMENT, NAVY BA-2 COMMUNICATIONS AND ELECTRONICS EQUIPMENT</b>							P-1 ITEM NOMENCLATURE <b>EMI CONTROL INSTRUMENTATION LI: 297000 82MA</b>					
Program Element for Code B Items:							Other Related Program Elements					
	FY 2002 and Prior	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009		To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$56.3</b>		<b>\$5.2</b>	<b>\$6.4</b>	<b>\$5.9</b>	<b>\$6.0</b>	<b>\$6.1</b>	<b>\$6.2</b>	<b>\$6.3</b>			<b>\$42.1</b>
SPARES COST (In Millions)												
<p>Funds will be used to procure emergency field change kits, hardware devices and sensor kits to solve Electromagnetic Interference (EMI) problems in electronic systems/equipments throughout the surface ship Navy. The fixes which include various types of filters, limiters, blankers and shielding will be installed by fleet support and maintenance personnel to eliminate EMI where it is causing unacceptable degradation in the operational performance of mission-essential systems. EMI Control Instrumentation will be procured for use in identifying the sources of EMI and determining the extent of EMI so that effective corrective measures can be applied. Better definition of the problems will also provide data which will be used by designers to reduce EMI problems in future systems and equipments. The instrumentation procured will include automated and special EMI test equipment (e.g. spectrum analysis, field intensity meters, AN/PSM-40 series test sets, etc.). Instrumentation, hardware and software will also be procured to upgrade the Frequency Assignment Computer Terminal Systems (FACTS) and to provide remote access capability to the Communications Area Master Station (CAMS) and other high-density users.</p>												

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System								DATE: February 2004		
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-2 Communications and Electronic Equipment							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD EMI CONTROL INSTRUMENTATION LI: 297000 82MA									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			FY 2002 and Prior	FY 2003			FY 2004			FY 2005			FY				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	<u>ELECTRONICS SUPPORT (OP-N6)</u>																
MA001	EMERG FIELD CHANGE KITS	A	10,120			0			0			0					
MA004	EMI FIXES & SENSOR KITS	A	27,694			3,722			4,643			4,094					
MA104	EMI CONTROL INSTRUMENTATION	A	17,401			1,365			1,623			1,628					
MA107	FACTS INSTRUMENTATION	A	1,063			155			155			150					